

Title (en)

Fuel injector seal construction and method of manufacture

Title (de)

Kraftstoffeinspritzventildichtung und Verfahren zur Herstellung

Title (fr)

Joint d'étanchéité d'un injecteur de combustible et procédé de fabrication

Publication

**EP 1306547 A2 20030502 (EN)**

Application

**EP 02257437 A 20021025**

Priority

US 1504801 A 20011026

Abstract (en)

A fuel injector seal for preventing the intrusion of liquid fuel into the working moving parts of a fuel injector. The seal is in the form of a flexible bellows, assembled from first, inner and second, outer caps joined together. The seal is positioned in the injector to create a liquid tight seal between the reciprocating injector jet needle and the enclosure for the remaining fuel-sensitive components of the injector. <IMAGE>

IPC 1-7

**F02M 61/16**; **F16J 15/08**

IPC 8 full level

**F02M 51/06** (2006.01); **F02M 55/00** (2006.01); **F02M 61/16** (2006.01); **F16J 3/04** (2006.01)

CPC (source: EP US)

**F02M 51/061** (2013.01 - EP US); **F02M 55/004** (2013.01 - EP US); **F02M 61/16** (2013.01 - EP US); **F16J 3/045** (2013.01 - EP US); **F02M 2200/16** (2013.01 - EP US)

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DOCDB simple family (publication)

**EP 1306547 A2 20030502**; US 2003080218 A1 20030501; US 6659371 B2 20031209

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